

Evolution of E-Business



"The risks of improperly managed content increase along with the strategic importance of enterprise sites..."





Business Content



Value —

Rich Content: Why, How

Basic Content: What, When, Where

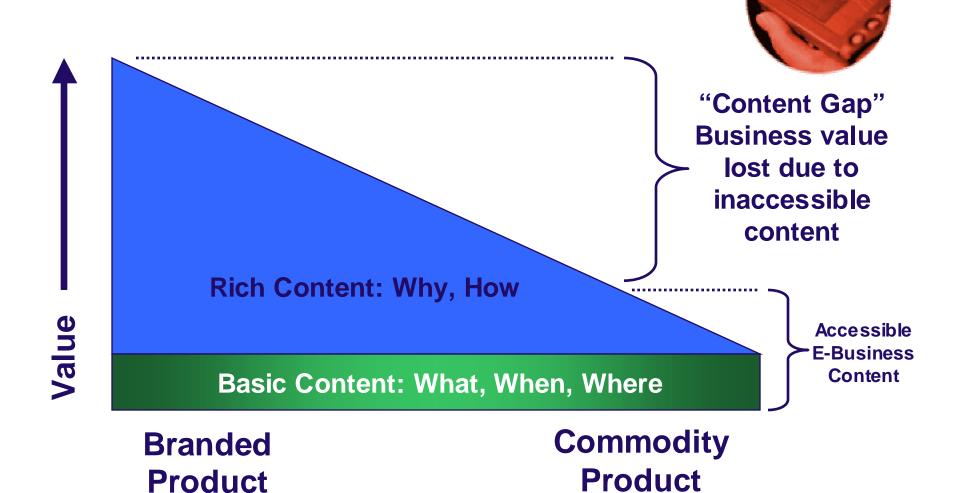
Branded Product

Commodity Product





E-Business Content







Content Gap Example

Supporting sales



- Basic content: vendor uses a product configurator to generate custom configurations and prices
- Content gap: Rich marcomm content is not available through the configurator
- Filling the gap: Generate rich marcomm content in Web and PDF formats on-the-fly to match the chosen configuration
- Result: Should generate \$ hundreds of millions in incremental e-commerce sales





Content Gap Example

Service information



- Basic content: Service information available in PDF format
- Content gap: Users fail to find information that relates to their particular product, resulting in expensive live support
- Filling the gap: Provide post-sales service content that dynamically matches a product so that users can find the right information
- Result: Should increase profits by \$ tens of millions due to reduced service load as company grows





Content Gap Example

Finance

- Basic content: Equities per se are commodities; differentiation occurs via research content
- Content gap: Printed research reports available on the web as pdf files but not as personalized content
- Filling the gap: Equities research content that dynamically matches an investor's interests available both in print and on the Web
- Result: Should generate \$ hundreds of millions in incremental securities sales





Need for Rich Content



"It's a nightmare," said AMR Research analyst Pierre Mitchell. "Suppliers don't have usable content in their back-end systems. Buyers can't make sense of disparate product data coming from all their suppliers."

- InternetWeek





Content Gap illustrated **ARTG BEAS DBMS** Corporate **Basic BVSN** HTML Website **IBM** Content **VIGN** Word Net ARBA **Content Content Gap Documents** Frame CMRC **Markets** Repository Leaf **DCTM IWOV ORCL Supplier** 12 Integration





Integrating XML and non-XML content **ARTG BEAS DBMS** Corporate **BVSN Basic** HTML Website **IBM** Content **VIGN** Net ARBA Word Rich Content **Markets** CMRC **Documents** Frame Repository Content Leaf **DCTM XML Supplier** 12 **IWOV** Integration Aggregation **ORCL** Rich **XML** Content **Print** CD **Wireless Arbortext**

Six Key Business Benefits



- 1. Out-market and out-sell your competition with brand differentiation enabled by rich content
- 2. Reduce the costs of your producing your catalogs
- 3. Support all the catalog formats required in your business: Web, wireless, paper, CD
- 4. Deliver catalogs in all the languages and currencies required in your business
- 5. Fully support distributors, resellers with custom content
- 6. Deliver syndicated content at any level of detail when, where, and as needed





E-Business before rich content



Product Comparison

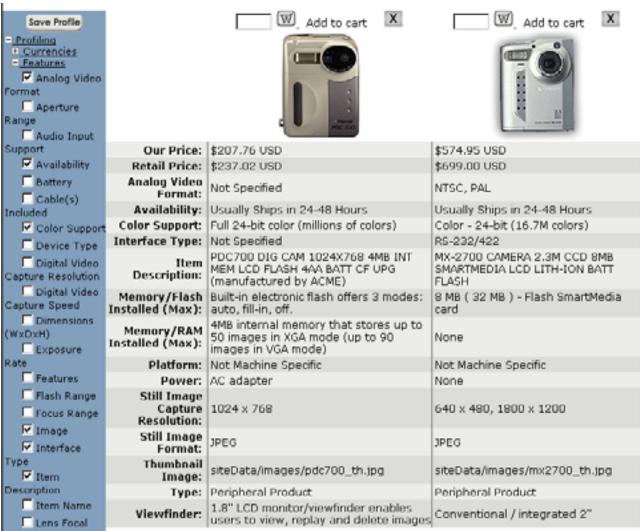
| Title | Optical Mouse - 4 Button w/Scroll Wheel (PS2 & USB) | IntelliMouse Explorer (PS2/USB) |
|--------------|---|---------------------------------|
| Manufacturer | BELKIN COMPONENTS | MICROSOFT CORPORATION |
| Price | \$ 48.95 | \$65.95 |
| In Stock? | V | ~ |

| Product Item | Kensington Mouse-in- a-Box 2-button mouse | Kensington Mouse-in- a-Box USB for iMac | Kensington Internet Mouse |
|-------------------|--|--|------------------------------|
| Manufacturer | Kensington Technology | Kensington Technology | Kensington Technology |
| Computer type | N/A | N/A | N/A |
| Type of device | N/A | N/A | N/A |
| Number of buttons | N/A | N/A | N/A |
| Interface | N/A | N/A | N/A |
| Bundled software | N/A | N/A | N/A |
| Warranty | N/A | N/A | N/A |





E-Business with rich content







Demonstration



Will show:

Integrating non XML content into an XML repository

Simple XML content creation

Delivering richer catalogue content

Multiple syndications





